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				U. S. PATENT D	OCUMENTS		
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Initials*	No.1	Number-Kind Code ^{2 (# known)}		MM-DD-YYYY	Applicant of Cited Docum	ent	Relevant Passages or Relevant Figures Appear
		US- 118,479		08-29-1871	Parker		
		US- 304, 789	1	11-28-1989	Scholl		
		us-,390,938		10-09-1888	Armstrong		
		US 502,778		08-08-1893	Shraque		
		US-826.162		07-17-1906	Hedges: Mille	er	
		US- 874, 071		12-17-1907	Holden C.L.		
		US 919, 257		04-20-1909	Seydewitz		
<u> </u>		US- 1,075,990		10-14-1913	O"Connell		
		us-1,903,631	_	04-11-1933	Morrison		
		US-1,940,117		12-09-1933	Carpos		
		us 2,000 915	_	05-14-1935	Bla'ke		
		us 2,235,290)	03-18-1941	Exline, M.P.,	etal	
		US 3,263,355	5	08-02-1966	March		William Committee Committe
		US- 3, 338, 189		08-29-1967	Xavier		
		US- 3,501,072	<u> </u>	03-17-1470	Kovener		
		5,678,127		10-17-1972	Reitzel		
		US 3,705,556		12-12-1972	Kelly		
		US- 3,724,399		0 4- 03-1973	Notko		

	FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶					
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		Number-Kind Code ^{2 (If known)}			- Igaioo, ppou
		US-3,940,100	02-24-1976	Haua	
		US- 4,046.084	09-06-1977	Hosford	
		US-4/128 063	12-05-1978	Avery	
		US- 4, 338, 867	07-13-1982	Imber	
		US-4,351,621	09-28-1982	Liou	
		us- 4,440,812	04-03-1984	Norrid	
		US 5,992,938	11-30-1999	Jones	
		US-6,443,076	09-03-2002	Case, Jr.	
	<u> </u>	us- 1.832.801	11-17-1931	Wright	
		US- '424' 844	05-16-2000	Gutasell	
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	FOREIGN PATENT DOCUMENTS										
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NON PATENT LITERATURE DOCUMENTS									
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